DCCUMENT RESUME

ED 036 499 SP 003 611

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INSTITUTION	ERIC CLEARINGHOUSE ON TEACHER EDUCATION, WASHINGTON, D.C.
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ABSTRACT

THIS 24-PAGE BOOKLET IS THE THIRD COMPONENT IN A SET OF INSTRUCTICNAL MATERIALS RELATED TO THE PURPOSES, ORGANIZATION, AND USES OF ERIC (EDUCATICNAL RESOURCES INFORMATION CENTER). THE BOOKLET IS DESIGNED TO INSTRUCT THE READER IN WAYS OF USING THE COMPREHENSIVE ERIC INDEXING SYSTEM IN THE SEARCH FCR INFORMATION OR MATERIALS RELEVANT TO HIS NEEDS. THE READER STARTS WITH A SPECIFIC PROBLEM (HOW TO PLAN A NATURE CENTER) AND, GUIDED BY A SERIES OF QUESTIONS AND ILLUSTRATIONS, PROGRESSES THROUGH A STEP-BY-STEP SEARCH FOR DOCUMENTS RELATED TO THIS PROBLEM. IN THE PROCESS OF COMPLETING THIS SEARCH, THE READER IS INTRCDUCED TO ERIC'S THREE BASIC RESEARCH TOOLS (RESEARCH IN EDUCATION, CURRENT INDEX TO JOURNALS IN EDUCATION, AND THE ERIC THESAURUS) AND SIX BASIC STEPS IN CONDUCTING AN EFFECTIVE AND EFFICIENT SEARCH. SUPPLEMENTARY INFORMATION IS INCLUDED TO ANTICIPATE PROBLEMS WHICH MAY BE ENCOUNTERED WHEN THE READER ATTEMPTS HIS CWN SEARCHES FOR EDUCATICNAL INFORMATION. (JES)

ED036499

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
OFFICE OF EDUCATION

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HOW

TO CONDUCT

A SEARCH THROUGH ERIC

Published by
ERIC Clearinghouse on Teacher Education
Number One Dupont Circle, N.W.
Washington, D.C. February 1970

SP003611

AVAILABILITY

"How to Conduct a Search Through ERIC" is the third part of the instructional materials on the Educational Resources Information Center produced by the ERIC Clearinghouse on Teacher Education.

A very limited number of copies of this booklet have been produced, because the instructional materials are developmental. A pamphlet is available which describes the materials, and which includes information about how to obtain them. Write:

ERIC Clearinghouse on Teacher Education
Number One Dupont Circle, N. W.
Washington, D.C. 20036

"How to Conduct a Search Through ERIC" will be processed for appearance in Research in Education and will be available in microfiche and hardcopy in early summer, 1970.

ACKNOWLEDGMENTS

The ERIC Clearinghouse on Teacher Education would like to express its appreciation to Lee G. Burchinal, acting assistant commissioner for the Office of Information Dissemination, U.S. Office of Education, for his assistance in the conceptualization of and his sustained interest in the project to develop instructional materials on ERIC.

For their contributions to the planning and development of the materials, special acknowledgment is due members of the Clearinghouse staff: Joel L. Burdin, director and principal investigator of the project; Linda L. Levy, project coordinator; and Dorothy Mueller, operations coordinator; Lorraine Poliakoff and Judy Sharff, information analysts; and Joost Yff, assistant director.

The Clearinghouse wishes to acknowledge the help of its Project Advisory Group: George H. Grimes, supervisor, Curriculum Laboratories, Detroit Public Schools; Francine Kroner, doctoral candidate, Case Western Reserve University; Phil Lange, professor, Teachers College, Columbia University; William H. Roe, dean, School of Education, University of Connecticut; and Molly Templeton, assistant librarian, National Education Association (NEA).

The Clearinghouse also wishes to thank its sponsors, the American Association of Colleges for Teacher Education; the National Commission on Teacher Education and Professional Standards, NEA; and the Association for Student Teaching, a national affiliate of NEA, for their continued support.

INTRODUCTION

This booklet is designed to help you understand how to do a search in the ERIC (Educational Resources Information Center) system.

In reading "How to Conduct a Search Through ERIC" you will be taken through the actual steps of a search to find a document on a specific problem. Progress through the guide will depend upon your answering a series of questions designed to help you on your way.

The tone of the guide is intentionally light in an effort to reach the widest possible audience with subject matter that might otherwise seem unnecessarily complex. Inspiration for the approach used is due in part to the programed instructional book Preparing Instructional Objectives by Robert F. Mager.

Because the booklet is developmental, we are anxious to receive your reactions and suggestions as well as those of your colleagues. Please feel free to reproduce the booklet; it is designed for this purpose.

We are hopeful that once you have read the booklet, it might serve as a useful guide whenever you wish to find information in ERIC.

ERIC Clearinghouse on
Teacher Education

Joel L. Burdin, Director

D4/2-70

HOW TO CONDUCT A SEARCH THROUGH ERIC

Your school wishes to implement its concern about the preservation of the environment by undertaking a special educational project. Having agreed that to create an awareness of environment might be a first step, your school decides to work with the community to establish a nature center, a place where students as well as other citizens can learn first-hand about their environment. As a member of the committee to plan the nature center, you need information on what steps to take, but...

Where would you go to find help?

A. Your library's card catalogue

B. The National Audubon Society

C. Your County Board or City Councilman

D. ERIC

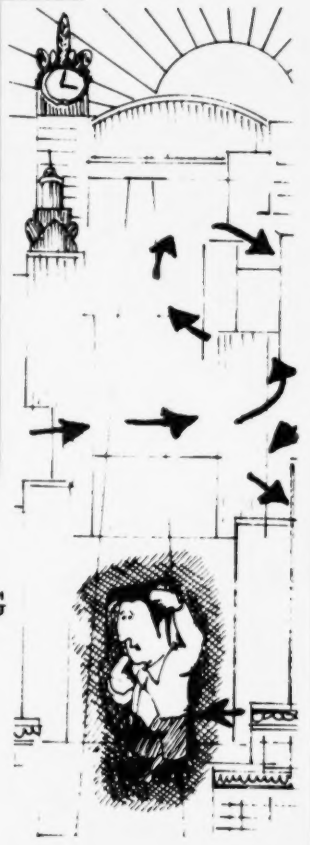
Check your answers:

A. Good possibility, but perhaps you'd like another.

B. Good idea, but we'll show you Audubon's articles, and a way to find others, too.

C. But they'll want your detailed plan.

D. ERIC?



FROM TIME TO TIME, YOU WILL BE GIVEN THE OPTION OF TAKING SHORT CUTS THROUGH THIS PAMPHLET OR RETURNING TO PREVIOUS SECTIONS. REMEMBER: ALWAYS FOLLOW INSTRUCTIONS AND/OR CONTINUE TURNING PAGES. NOW TURN TO THE NEXT PAGE.

ERIC can help you.

HOW CAN YOU GET IN TOUCH WITH HIM?

Many libraries will enable you to talk with him. The reference desk of your library is the switchboard. The number you dial is ERIC. In order to connect you, the librarian will lead you to at least three references.

These should include:

THESAURUS OF ERIC DESCRIPTORS (ERIC'S dictionary) the key to the index terms in the ERIC system

RESEARCH IN EDUCATION (RIE, a monthly publication) with indexes to and summaries of documents

CURRENT INDEX TO JOURNALS IN EDUCATION (CIJE, a monthly publication) with indexes of journal articles and annotations when necessary

What would you do next?

A. Forget about the nature center.

B. Take a coffee break.

C. Prepare to camp in the library.

D. READ ON.

Check your answers:

A. Don't quit yet.

B. Avoidance behavior.

C. It really isn't that bad.

D. Don't forget how great that nature center would be.

Entries from RIE and from CIJE will appear similar

to the following:

From:
RESEARCH IN EDUCATION

ED 030 817 AC 004 715
Ferver, Jack C.
Needed: An Urban Extension Service; Trends, Problems and Possibilities under Title I of the Higher Education Act of 1965.
Pub Date 69
Note—26p.; A Paper presented at the Regional Title I Conference (St. Louis, Mo., March 27-28, 1969).
Available from—Wisconsin Title I HEA Administrator, 432 N. Lake St., Madison, Wisconsin, 53706
EDRS Price MF-$0.25 HC-$1.40
Descriptors—*Community Service Programs, Disadvantaged Groups, Financial Support, Personnel Needs, Program Evaluation, *Program Improvement, *Universities, *Urban Extension
Identifiers—*Higher Education Act of 1965
Title I of the Higher Education Act of 1965 has demonstrated that institutions of higher learning can make an important contribution to the solution of community problems through community service projects. But there are limitations, the greatest of which are lack of adequate program funds and mounting program needs, particularly for programs relating to the problems of the poor in our central cities. The great potential is in developing Title I into an Urban Extension Service with organizational linkages between federal, state and urban governments, urban citizens, and urban-grant colleges and universities. (author/pt)

From:
CURRENT INDEX TO
JOURNALS IN EDUCATION

EJ 010 163 030 EA 500 220
Its Make-Believe Setting Is the Only Froth About Meyers Cutler, Marilyn H., *Amer Sch Board J* v157 n6, pp23-26, Dec '69
*School Design, *School Buildings, *School Environment, *Flexible Classrooms, *Space Utilization, Elementary Schools, Architectural Elements, []
Discusses physical and educational design considerations in South Lake Tahoe's new Meyers Elementary School. (DE)

EJ 010 164 030 HE 500 559
Designing a Campus Signage System , *Coll Univ Bus* v47 n5, pp79-84, Nov '69
*Graphic Arts, *Signs, *Design Needs, *Visual Arts, *Communications, Interior Space, Architectural Programing, Campuses, [*Architectural Signage]
Explains a new system that combines architectural and graphic skills to direct, inform, and control the increasing numbers of people who attend various campus activities. Article was prepared by Interior Space Designers (ISD), Incorporated of New York. (WM)

Compare and contrast the two samples.

Similarities include:

Differences include:

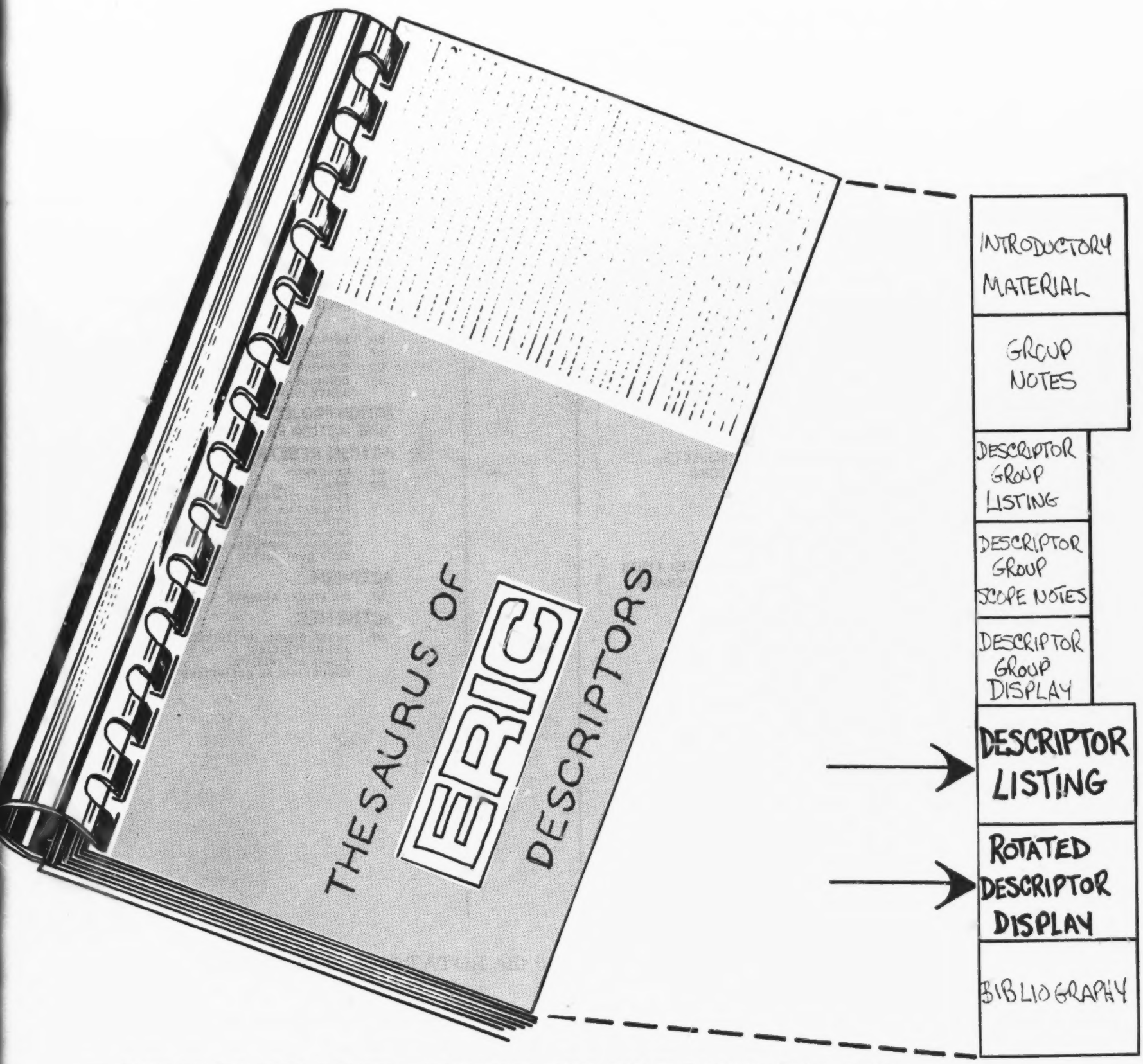
Check your answers:

For similarities, you could have observed:

- EACH ENTRY IS PRECEDED BY NUMBERS
- BOTH SAMPLE PAGES UTILIZE UPPER AND LOWER CASE TYPE
- BOTH LIST TITLES AND DESCRIPTORS

For differences, you could have noted:

- THE RIE HAS AN "ED" NUMBER; THE CIJE HAS "EJ" NUMBERS
- THE RIE OFFERS A SUMMARY (ABSTRACT); THE CIJE HAS ANNOTATIONS



IF YOU HAVE THE BOOKS, FIND THE ONE THAT LOOKS LIKE THIS.

LOOK AT THE SECTIONS SHOWN BY THE ARROWS.

These sample pages represent the two sections of the THESAURUS which will be the most helpful to you.

ROTATED DESCRIPTOR DISPLAY

COMMUNITY ACTION
ACTION PROGRAMS (COMMUNITY)
COMMUNITY AGENCIES (PUBLIC)
COMMUNITY ANTENNAS
COMMUNITY ATTITUDES
COMMUNITY BENEFITS
BLACK COMMUNITY
COMMUNITY CHANGE
COMMUNITY CHARACTERISTICS
COMMUNITY COLLEGES
COMMUNITY CONSULTANT PROGRAMS
COMMUNITY CONSULTANTS
COMMUNITY COOPERATION
SCHOOL COMMUNITY COOPERATION
COMMUNITY COORDINATION
COMMUNITY COORDINATORS
COMMUNITY DEVELOPMENT
COMMUNITY EDUCATION
COMMUNITY HEALTH
COMMUNITY HEALTH SERVICES
COMMUNITY INFLUENCE
COMMUNITY INVOLVEMENT
COMMUNITY LEADERS
COMMUNITY MIGRANT PROJECTS
COMMUNITY ORGANIZATIONS
PLANNED COMMUNITY
COMMUNITY PLANNING
COMMUNITY PROBLEMS
COMMUNITY PROGRAMS
SCHOOL COMMUNITY PROGRAMS
COMMUNITY RECREATION LEGISLATION
COMMUNITY RECREATION PROGRAMS
COMMUNITY RELATIONS
POLICE COMMUNITY RELATIONSHIP
SCHOOL COMMUNITY RELATIONSHIP
COMMUNITY RESOURCES
COMMUNITY RE[illegible]SIBILITY
COMMUNITY R[illegible]E
COMMUNITY ROOMS
COMMUNITY SCHOOL DIRECTORS
COMMUNITY SCHOOLS
COMMUNITY SERVICE PROGRAMS
COMMUNITY SERVICES
COMMUNITY SIZE
SOUTHERN COMMUNITY
COMMUNITY STUDY
COMMUNITY SUPPORT
COMMUNITY SURVEYS
COMMUNITY ZONING

DESCRIPTOR LISTING

ACTION LEARNING
USE ACTIVITY LEARNING

ACTION PROGRAMS (COMMUNITY)

SN IMPROVEMENT SPONSORED BY COMMUNITY
UF ACTION PROJECTS
BT COMMUNITY PROGRAMS
RT COMMUNITY ACTION
STATE PROGRAMS

ACTION PROJECTS
USE ACTION PROGRAMS (COMMUNITY)

ACTION RESEARCH
BT RESEARCH
RT EVALUATION
EVALUATION METHODS
EVALUATION TECHNIQUES
METHODS RESEARCH
OPERATIONS RESEARCH
PROGRAM IMPROVEMENT
SELF EVALUATION

ACTIVISM
BT POLITICAL SCIENCE

ACTIVITIES
NT AFTER SCHOOL ACTIVITIES
ART ACTIVITIES
CLASS ACTIVITIES
COCURRICULAR ACTIVITIES

The first portion is called the ROTATED DESCRIPTOR DISPLAY. CIRCLE the word that appears most frequently.

The second portion is called the DESCRIPTOR LISTING. CIRCLE the same word that you did previously. It will be in dark print, all CAPS.

Now that you've examined the tools, you are ready to use them.

CLOSE THE BOOKS -- if you have them -- and

RE-OPEN THE NATURE CENTER QUESTION.

The ERIC publications will provide you with all the equipment you need to discover ways to establish your center, but you will have to do some THINKING first.

You begin by asking yourself the question.

HOW CAN I HELP MY SCHOOL AND COMMUNITY ESTABLISH A NATURE CENTER?

Select the most important words in your question.

A. HELP-HELP-HELP

B. SCHOOL, COMMUNITY

C. NATURE CENTER

D. I or MY

Check your answers:

A. WE'RE TRYING.

B. O.K., but a bit general. You could have been more specific.

C. GOOD!

D. TOO PERSONAL.

Now you've selected a word in your language.

OPEN the THESAURUS to the ROTATED DESCRIPTOR

DISPLAY for a quick check to see if ERIC shares your vocabulary.

KEEP YOUR FINGERS CROSSED.

ROTATED DESCRIPTOR DISPLAY

DEVELOPING NATIONS
NATURAL RESOURCES
NATURAL SCIENCES
NATURE CENTERS
NAVAHO
NAVIGATION
ACHIEVEMENT NEED
AFFILIATION NEED
NEED GRATIFICATION
STATUS NEED
NEEDLE TRADES
NEEDS
CHILDHOOD NEEDS
CONSTRUCTION NEEDS
DESIGN NEEDS
EDUCATIONAL NEEDS
EVALUATION NEEDS
FINANCIAL NEEDS
HEALTH NEEDS
HOUSING NEEDS
INDIVIDUAL NEEDS
INFORMATION NEEDS
MANPOWER NEEDS
PERSONNEL NEEDS
PHYSICAL DESIGN NEEDS
PSYCHOLOGICAL NEEDS
PSYCHOLOGICAL DESIGN NEEDS
RESEARCH NEEDS
STUDENT NEEDS
NEGATIVE ATTITUDES
NEGATIVE FORMS (LANGUAGE)
NEGATIVE PRACTICE
NEGATIVE REINFORCEMENT
NEGOTIATION AGREEMENTS
COLLECTIVE NEGOTIATION
NEGOTIATION IMPASSES
NEGRO ACHIEVEMENT
NEGRO ATTITUDES
NEGRO BUSINESSES
NEGRO COLLEGES
NEGRO CULTURE
NEGRO DIALECTS
NEGRO EDUCATION

ROTATED DESCRIPTOR DISPLAY

CEBUANO
CEILINGS
CELL THEORY
CEMENT INDUSTRY
CENSORSHIP
CENSUS FIGURES
INSTRUCTOR CENTERED TELEVISION
AFTER SCHOOL CENTERS
ARTS CENTERS
AUDIOVISUAL CENTERS
CHILD CARE CENTERS
CHILD DEVELOPMENT CENTERS
CONTINUING EDUCATION CENTERS
COUNSELING CENTERS
CULTURAL CENTERS
CURRICULUM STUDY CENTERS
DEMONSTRATION CENTERS
EDUCATION SERVICE CENTERS
GUIDANCE CENTERS
HEALTH OCCUPATIONS CENTERS
INFORMATION CENTERS
INSTRUCTIONAL MATERIALS CENTERS
LANGUAGE AND AREA CENTERS
MIGRANT CHILD CARE CENTERS
NATURE CENTERS
NEIGHBORHOOD CENTERS
CENTERS OF INTEREST
READING CENTERS
REHABILITATION CENTERS
RESEARCH AND DEVELOPMENT CENTERS
RESIDENTIAL CENTERS
RESOURCE CENTERS
SCHOOL STUDY CENTERS
SCIENCE TEACHING CENTERS
SKILL CENTERS
STUDY CENTERS
SUPPLEMENTARY EDUCATIONAL CENTERS
VOCATIONAL TRAINING CENTERS
CENTRAL SOUND SYSTEMS
CENTRALIZATION

Circle your term -- NATURE CENTERS -- in each column in the ROTATED DESCRIPTOR DISPLAY (RDD). RETAIN FAITH because they really are there. YOU'RE DOING VERY WELL ON THIS ONE.

If you are really impatient to get to your NATURE CENTER, and only your NATURE CENTER, leap to page 15. Do you want to explore other ALTERNATIVES? Read on.

If you still have the THESAURUS open, turn to the portion called the DESCRIPTOR LISTING. You may find the chart with the tabs on page 5 helpful to find this portion quickly.

NATIONAL LIBRARIES
BT LIBRARIES
RT ARCHIVES
FEDERAL GOVERNMENT
GOVERNMENT LIBRARIES

NATIONAL NORMS
BT MEASUREMENT
RT COMPARATIVE ANALYSIS
COMPARATIVE TESTING
GROUP NORMS
LANGUAGE STANDARDIZATION
STATISTICAL ANALYSIS
STATISTICAL DATA

NATIONAL ORGANIZATIONS
BT ORGANIZATIONS (GROUPS)
RT COMMUNITY ORGANIZATIONS
DENTAL ASSOCIATIONS
HONOR SOCIETIES
INTERNATIONAL ORGANIZATIONS
LIBRARY ASSOCIATIONS
MEDICAL ASSOCIATIONS
PROFESSIONAL ASSOCIATIONS

NATIONAL PROGRAMS
BT PROGRAMS
RT DEVELOPING NATIONS
LANGUAGE STANDARDIZATION
NATIONAL DEFENSE
NATIONALISM
SPEECHES

NATIONAL SURVEYS
BT SURVEYS
RT NATIONAL COMPETENCY TESTS

NATIVE MIGRANTS
USE MIGRANTS

NATURAL GASES
USE FUELS

NATURAL RESOURCES
NT WATER RESOURCES
BT RESOURCES
RT CONSERVATION EDUCATION
DEPLETED RESOURCES
FORESTRY
SOIL CONSERVATION

NATURAL SCIENCES
NT BIOLOGICAL SCIENCES
PHYSICAL SCIENCES
BT SCIENCES
RT MARINE BIOLOGY
METEOROLOGY
NATURE CENTERS
RADIATION BIOLOGY
RADIOISOTOPES
SCIENTIFIC ENTERPRISE

NATURE CENTERS
RT EDUCATION SERVICE CENTERS
NATURAL SCIENCES
SCIENCE TEACHING CENTERS

NAVAHO
BT AMERICAN INDIAN LANGUAGES

NAVIGATION
RT ASTRONOMY
BOATMEN
RADAR
RADIO

The DESCRIPTOR LISTING (DL) will enable you to observe more of ERIC's vocabulary. Maybe your shared vocabularies can be beneficial to you.

Find the term NATURE CENTERS listed above in large black print. Look at the words and phrases listed beneath it.

Do the terms under NATURE CENTERS help you?

I DON'T KNOW.....

NO.....

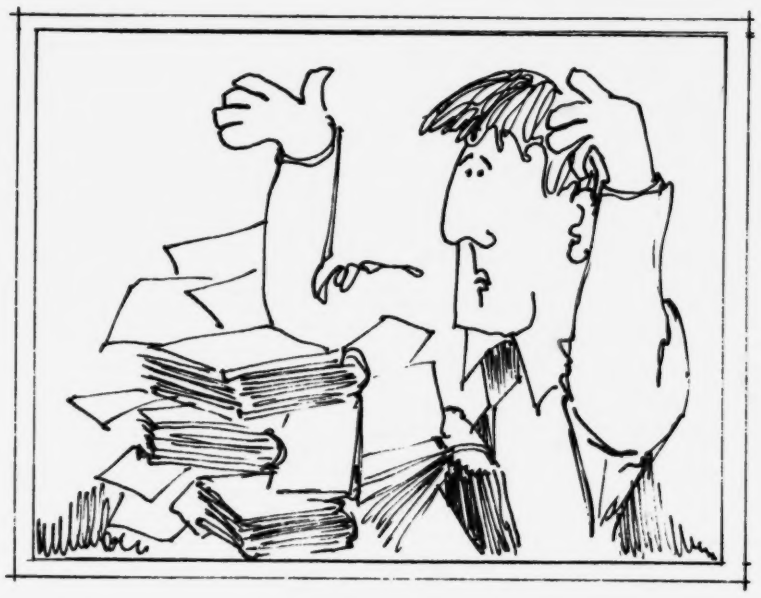
YES.....

Check your answers:

If you said you didn't know, you should be commended for your honesty.

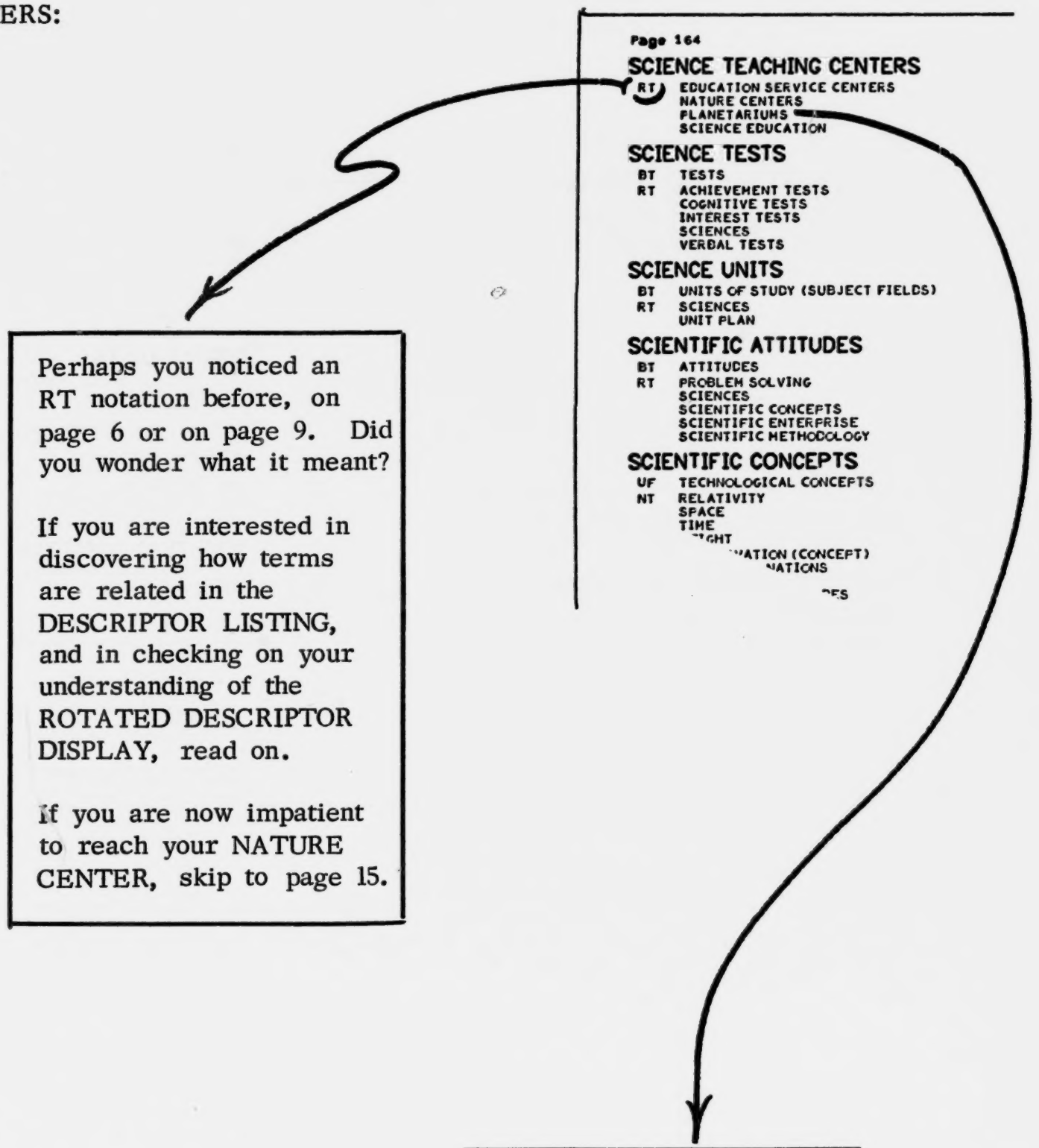
If you replied NO, hopefully you may change your mind as you read on.

If you answered YES, did SCIENCE TEACHING CENTERS seem helpful to you? If it didn't, it might be worth a try anyway.



In any case you are finding ALTERNATIVES.

Consider the entries under SCIENCE TEACHING CENTERS:



Perhaps you noticed an RT notation before, on page 6 or on page 9. Did you wonder what it meant?

If you are interested in discovering how terms are related in the DESCRIPTOR LISTING, and in checking on your understanding of the ROTATED DESCRIPTOR DISPLAY, read on.

If you are now impatient to reach your NATURE CENTER, skip to page 15.

Maybe what your nature center dream needs is a planetarium! Keep the term for later. You never know . . .

The DESCRIPTOR LISTING enables you to expand or refine your search by providing you with more terms and with an explanation of the relationships of those terms.

In ERIC:

RT means RELATED TERM.
PLANETARIUMS is related to SCIENCE TEACHING CENTERS.

BT means BROADER TERM.
ATTITUDES is a broader term than SCIENTIFIC ATTITUDES.

NT means NARROWER TERM.
RELATIVITY is a narrower term than SCIENTIFIC CONCEPTS.

SN means SCOPE NOTE.
The scope note defines the meaning of the term SCIENTIFIC ENTERPRISE.

UF means USED FOR.
The term SCIENTIFIC METHODOLOGY is used for the term SCIENTIFIC METHODS.

SCIENCE TEACHING CENTERS
RT EDUCATION SERVICE CENTERS
NATURE CENTERS
PLANETARIUMS
SCIENCE EDUCATION

SCIENCE TESTS
BT TESTS
RT ACHIEVEMENT TESTS
COGNITIVE TESTS
INTEREST TESTS
SCIENCES
VERBAL TESTS

SCIENCE UNITS
BT UNITS OF STUDY (SUBJECT FIELDS)
RT SCIENCES
UNIT PLAN

SCIENTIFIC ATTITUDES
BT ATTITUDES
RT PROBLEM SOLVING
SCIENCES
SCIENTIFIC CONCEPTS
SCIENTIFIC ENTERPRISE
SCIENTIFIC METHODOLOGY

SCIENTIFIC CONCEPTS
UF TECHNOLOGICAL CONCEPTS
NT RELATIVITY
SPACE
TIME
WEIGHT
RT CONSERVATION (CONCEPT)
DEVELOPED NATIONS
SCIENCES
SCIENTIFIC ATTITUDES
SCIENTIFIC LITERACY
SCIENTIFIC METHODOLOGY
SCIENTIFIC PRINCIPLES
TECHNOLOGICAL ADVANCEMENT
TECHNOLOGY

SCIENTIFIC ENTERPRISE
SN TOTALITY OF SYSTEMATIC ACTIVITY OF THE SCIENCES AS AN INSTITUTION INVOLVING PROCESSES, ATTITUDES, ETHICS, AND INTERRELATIONSHIPS OF SCIENCE WITH OTHER INSTITUTIONS
RT DEVELOPED NATIONS
NATURAL SCIENCES
SCIENCES
SCIENTIFIC ATTITUDES
SCIENTIFIC PRINCIPLES

SCIENTIFIC LITERACY
BT LITERACY
RT COMPREHENSION
SCIENCE EDUCATION
SCIENTIFIC CONCEPTS
SCIENTIFIC PRINCIPLES

SCIENTIFIC MANPOWER
RT MANPOWER DEVELOPMENT
MANPOWER UTILIZATION
SCIENTIFIC PERSONNEL
SCIENTISTS

SCIENTIFIC METHODOLOGY
UF SCIENTIFIC METHODS
BT METHODOLOGY
RT DEVELOPED NATIONS
PROBLEM SOLVING
SCIENCE EDUCATION
SCIENCES
SCIENTIFIC ATTITUDES
SCIENTIFIC CONCEPTS

Want to check your progress?

BE CREATIVE. Make your own ERIC dictionary.

ROTATED DESCRIPTOR DISPLAY	DESCRIPTOR LISTING
	APPLES
..... APPLE	BT .....
..... APPLE	NT .....
..... APPLE	.....
..... APPLE	RT .....
..... APPLE	.....

Troubles? Cheat a little by referring to page 8 for ROTATED DESCRIPTOR DISPLAY assistance and to pages 9 and 12 in working out the DESCRIPTOR LISTING portion.

Evaluate your effort by peeking on the next page.

A sample response could look as follows:

	APPLES
THE BIG APPLE	BT FRUIT
APPLE BROWN BETTY	NT DELICIOUS APPLES
APPLE	MACINTOSH APPLES
MACINTOSH APPLES	RT PEARS
APPLESAUCE	PEACHES

HOW DID YOU DO?

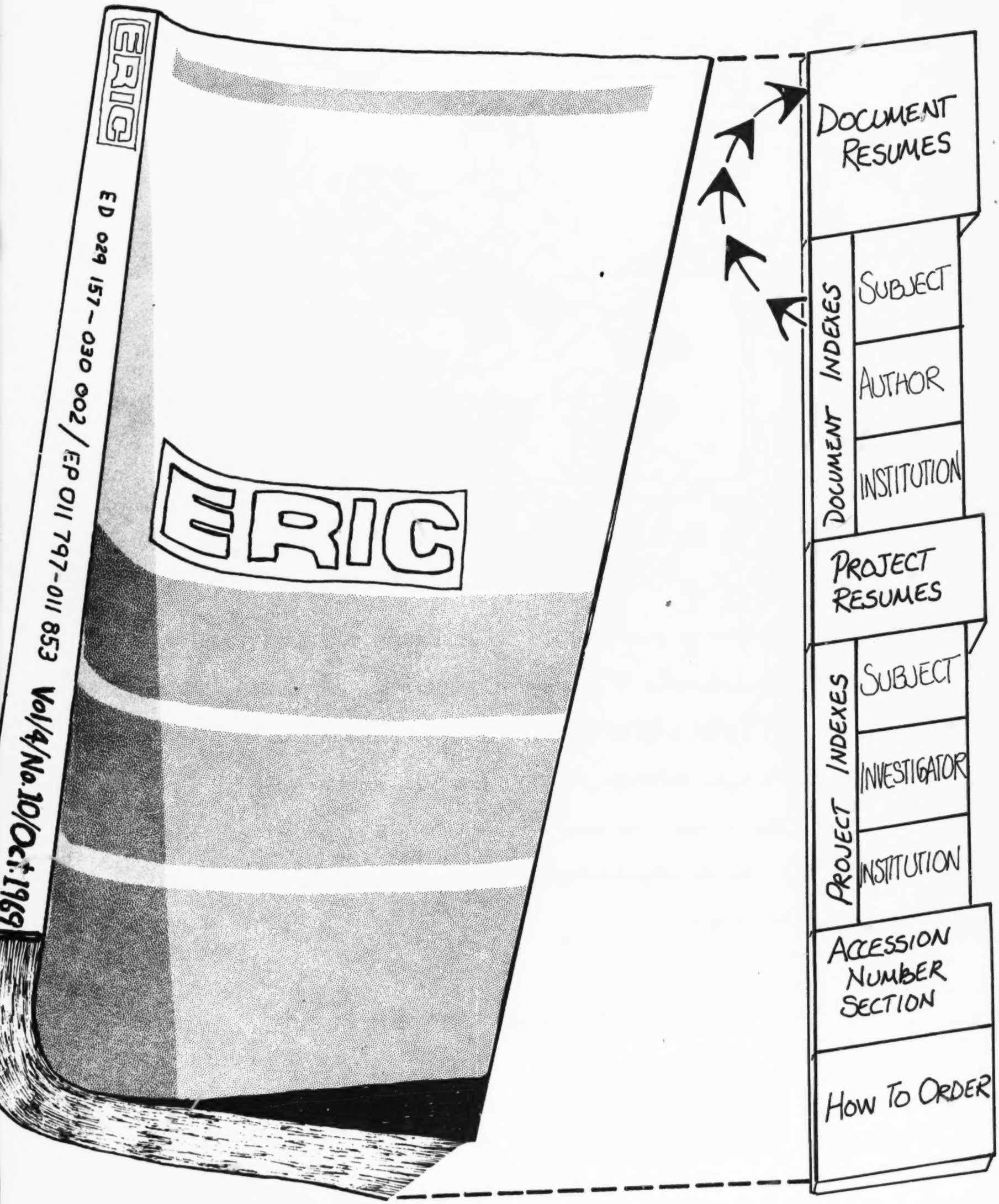
ON TO THE NATURE CENTERS.

Pick up your term and the RESEARCH IN EDUCATION monthly publication, if you have it. Otherwise, just read on.

TAKE A DEEP BREATH. You are about to transfer the descriptor NATURE CENTERS into title, and then the title into resume. (A resume is what the RIE entry on page 3 is.)

But you have to know where to turn in the RIE monthly publication.

FOLLOW THE ARROWS ON THE NEXT PAGE.


ERIC
ED 029 157-030 002/EP 011 797-011 853 Vol/4/No.10/Oct.1969
ERIC
DOCUMENT RESUMES
DOCUMENT INDEXES
SUBJECT
AUTHOR
INSTITUTION
PROJECT RESUMES
PROJECT INDEXES
SUBJECT
INVESTIGATOR
INSTITUTION
ACCESSION NUMBER SECTION
HOW TO ORDER

SUBJECT INDEX

Natl Advisory C.. Edu
First Annual Report of the . Council on Extension and Contin.. tion Presented to the President of the U.. States and the Secretary of Health, Education, and Welfare.
ED 029 187

Nature Centers
Nature Centers and Outdoor Education Facilities.
ED 029 483

Navy Vocational Interest Inventory
An Analysis of the Navy Vocational Interest Inventory as a Predictor of School Performance and Rating Assignment.
ED 029 250

Needs
Program for Learning in Accordance with Needs.
ED 029 327
Student Services in Higher Education
ED 029 342

...tiation Agreements
...ion Contract and Principal Leadership ... City Schools.
ED 029 400

...f Ego Function... ...ent.
...029 344

READ THE ABSTRACT OF THE DOCUMENT.

DOCUMENT RESUME

ED 029 483 EF 003 353
Nature Centers and Outdoor Education Facilities.
National Audubon Society, New York, N.Y.
Pub Date Sep 68
Note—32p.
Available from—National Audubon Society, Nature Centers Division, 1130 Fifth Avenue, New York, N.Y. 10028 ($1.00)
EDRS Price MF-$0.25 HC-$1.70
Descriptors—Conservation Education, *Educational Facilities, Education Service Centers, Natural Sciences, *Nature Centers, *Outdoor Education, Science Teaching Centers
The objective in the compilation of the information is to reach individuals, groups or clubs devoted to conservation who may wish to visit nature centers in their vicinity. In addition, school officials contemplating outdoor education projects for their students are made aware of the location of successful, full-time programs. This list is an encouragement to the conservation-minded as evidence of the accomplishments in community nature center planning, and can be used by schools and colleges as a source of reference for information on outdoor education programs. (RK)

Other descriptors in the Subject Index that would have led you to this resume.

A ...
Values ...
and Certifica...

Educational Facilities
Facility Technology--Catalyst ...

Five Climate Control Techniques for S...
ED 02...
A Guide for Planning Facilities for Occupational Preparation Programs for Dental Assistants. Research Series No. 35.
ED 029 965
A Guide for Planning Facilities for Occupational Preparation Programs for Dental Hygienists. Research Series No. 37.
ED 029 966
Nature Centers and Outdoor Education Facilities.
ED 029 483
... Protection in Educational Institu... ...endations of the National Coun... ...tection and Measurements.
ED 029 469
... for Secondary
... 984

cati...

Oriental Music
Japanese; Japanese ...

Oswego Plan for Team Super...
The Oswego Plan for Team Sup... Beginning Teachers.
ED 029 ...

Outdoor Education
Nature Centers and Outdoor Education Facilities.
ED 029 483

Overhead Projectors
The Use of Overhead Projection in Classrooms for the Mentally Retarded.
ED 029 423

... Associate Learning
... Fostering the Use of Informative ... Young Children.
ED 029 688

... Six Essays for
...029 891

ARE YOU HAPPY?

NO...

YES...

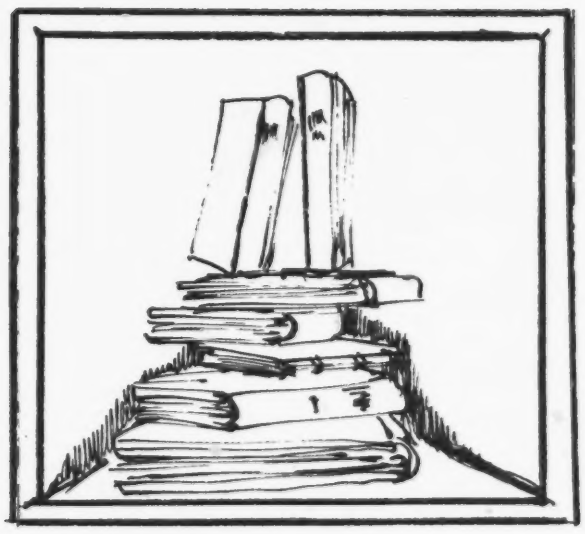
YES, AND WANT MORE...

Check your answers:

If you said NO, try the alternatives on the next page.

If you said YES, you are fortunate.

If you said YES, AND WANT MORE, consult the suggestions given to the readers who answered "NO."



ALTERNATIVES

Check other titles in the subject index under your NATURE CENTER term.

Check subject indexes of other monthly RIE publications, and the semi-annual and annual compilations.

Check other terms besides NATURE CENTERS. Hint: Remember PLANETARIUMS as well as SCIENCE TEACHING CENTERS.

Check the monthly publications and the annual compilation of CIJE. If you need a crutch--to duplicate the search process in CIJE, here is the process: Look in the subject index for NATURE CENTERS. Then look up the EJ number (J is for journal) and read the descriptors amd annotations in the resumes.

DO YOU WANT THE ARTICLE?

TURN THE PAGE

for "how to get it"

AVAILABILITY INFORMATION

MOST documents are available from the ERIC Document Reproduction Service.

(MF means Microfiche

HC means Hardcopy)

ED 029 483 EF 003 353
Nature Centers and Outdoor Education Facilities.
National Audub[illegible] York, N.Y
Pub Date Sep 68
Note—32p.
Available from—National Audubon Society, Nature Centers Division, 1130 Fifth Avenue, New York, N.Y. 10028 ($1.00)
EDRS Price MF-$0.25 HC-$1.70
Descriptors—Conservation Education, *Educational Facilities, Education Service Centers, Natural Sciences, *Nature [illegible]ers, *Outdoor Education, Science Teac[illegible]rs
The objective in the[illegible] the information is to reach[illegible] or clubs devoted to co[illegible] to visit nature cen[illegible] addition, school [illegible]door education projects [illegible]made aware of the location [illegible]-time programs. This list is an [illegible]ent to the conservation-minded as e[illegible] of the accomplishments in community n[illegible]re center planning, and can be used by schools and colleges as a source of reference for information on outdoor education programs. (RK)

"Turn to "How to Order" Section in RIE

SOME documents are not available from EDRS.

ED 015 126 SE 003 227
ASHBAUGH, BYRON L.
PLANNING A NATURE CENTER.
NATIONAL AUDUBON SOCIETY, NEW YORK, N.Y.
PUB DATE 66
DOCUMENT NOT AVAILABLE FROM EDRS.
DESCRIPTORS *CONSERVATION EDUCATION, *EDUCATIONAL FACILITIES, *ELEMENTARY SCHOOL SCIENCE, *NATURE CENTERS, *OUTDOOR EDUCATION, *PROGRAM PLANNING, *SECONDARY SCHOOL SCIENCE, ADULT EDUCATION, BIOLOGY, COLLEGE SCIENCE, COMMUNITY RESOURCES, EARTH SCIENCE, EDUCATIONAL OBJECTIVES, EDUCATIONAL PROGRAMS, NATIONAL AUDUBON SOCIETY, URBAN EDUCATION,

THIS BULLETIN IS PRODUCED BY THE NATURE CENTERS DIVISION, NATIONAL AUDUBON SOCIETY TO PROVIDE PROFESSIONAL GUIDANCE AND TECHNICAL KNOW-HOW IN THE DEVELOPMENT OF COMMUNITY NATURE AND CONSERVATION CENTERS. THE TOPICS COVERED ARE--(1) PURPOSE AND VALUE OF A NATURE AND CONSERVATION CENTER, (2) INITIAL CONSIDERATIONS SUCH AS COMMUNITY READINESS, LAND AVAILABILITY, AND TYPE OF NATURE CENTERS, (3) ORGANIZING FOR ACTION INCLUDING SUGGESTIONS FOR COMMITTEE FORMATION, (4) APPRAISING THE COMMUNITY'S RESOURCES, (5) PLANNING THE PROGRAM INCLUDING TOPICS COVERED, BY GRADE LEVEL, SUBMITTED BY CENTERS ALREADY IN OPERATION, (6) SITE AND BUILDING PLANNING WITH DIAGRAMED LAYOUTS AND PLANS, (7) PLANNING EDUCATIONAL FACILITIES SUCH AS TRAIL PLANNING AND OUTDOOR DEMONSTRATIONS AND DISPLAYS, (8) STAFFING, BUDGET, AND FUND RAISING, AND (9) OPERATIONAL SUGGESTIONS FOR AFTER THE CENTER IS OPEN. APPENDED ARE--(1) A SAMPLE CONSTITUTION AND BYLAWS FOR A NATURE CENTER, (2) SAMPLE ARTICLES OF INCORPORATION, (3) THE SERVICE OFFERED BY THE NATURE CENTERS DIVISION OF THE NATIONAL AUDUBON SOCIETY, (4) NAMES AND ADDRESSES OF NATURE CENTERS AND DEMONSTRATION FARM OPERATED BY NATIONAL AUDUBON SOCIETY, (5) SOURCES OF MATERIALS AND ASSISTANCE, AND (6) SUGGESTIONS FOR MAKING TRAIL MARKERS AND OTHER SIGNS. THIS DOCUMENT IS AVAILABLE FOR $2.00 FROM THE NATIONAL AUDUBON SOCIETY, 1130 FIFTH AVENUE, NEW YORK, NEW YORK 10028. (DS)

ED 029 784 SE 006 197
Gibbs, Ronald Keith
An Analysis of the Effectiveness of the Biological Sciences Curriculum Study Single Topic Films in Teaching Hypotheses Construction to High School Biology Students.
Indiana Univ., Bloomington.
Pub Date 67
Note—133p.
Available from—University Microfilms, 300 North Zeeb Road, Ann Arbor, Michigan 48106 (Order No. 67-16,259 Microfilm $3.00, Xerography $6.40)
Document Not Available from EDRS.
Descriptors—*Achievement, *Biology, *Films, [illegible]nstruction, *Secondary School Science [illegible]ical Science Curriculum Study [illegible]effectiveness of a se-[illegible]um Study

but your source is given in the availability notation either as above or, in older issues of RIE, at the end of the abstract.

Haven't things improved since the computer learned to print in upper and lower case?

WHAT HAVE YOU ACCOMPLISHED?

You have completed a brief search in ERIC, the Educational Resources Information Center.

You GET A KICK-OFF TOWARD YOUR NATURE CENTER ...and a pat on the back.

This same procedure may be duplicated many times and modified to meet your MOODS and your NEEDS.

Once again, here are the steps:

1. State your question.
2. Select your key words.
3. Translate into ERIC's language by using the THESAURUS.
   A. Try the ROTATED DESCRIPTOR DISPLAY.
   B. Consult the DESCRIPTOR LISTING.
4. Look up the selected terms in the subject indexes of the RIE and the CIJE, and transfer terms to numbers and titles.
5. Consult the "Document Resume" section of the monthly RIE publication if you'd like to see abstracts of your choices.
6. Obtain the document from the library, or consult the appropriate source.

* * *IN DOING YOUR OWN SEARCH* * *

IF YOU DON'T FIND YOUR TERM IN THE ROTATED DESCRIPTOR DISPLAY:

Think of another way to say it, either by yourself, or with the help of the DESCRIPTOR LISTING. The DESCRIPTOR LISTING contains non-ERIC words with translations into the ERIC words. For example, looking for POT in the ROTATED DESCRIPTOR DISPLAY? Look up POT in the DESCRIPTOR LISTING, and it will tell you to use MARIJUANA--the ERIC word. (Only MARIJUANA...only ERIC words...are listed in the ROTATED DESCRIPTOR DISPLAY.)

IF YOU DON'T FIND YOUR TERM IN THE DESCRIPTOR LISTING:

Remember to check the ROTATED DESCRIPTOR DISPLAY--first! Want to find the term PROSPECTIVE TEACHERS when there's no PROSPECTIVE under "P" in the DESCRIPTOR LISTING? Check the ROTATED DESCRIPTOR DISPLAY under main words PROSPECTIVE and TEACHERS. You'll find no PROSPECTIVE column, but under TEACHERS, you may find ERIC words that will do -- Student TEACHERS, Preservice TEACHERS.

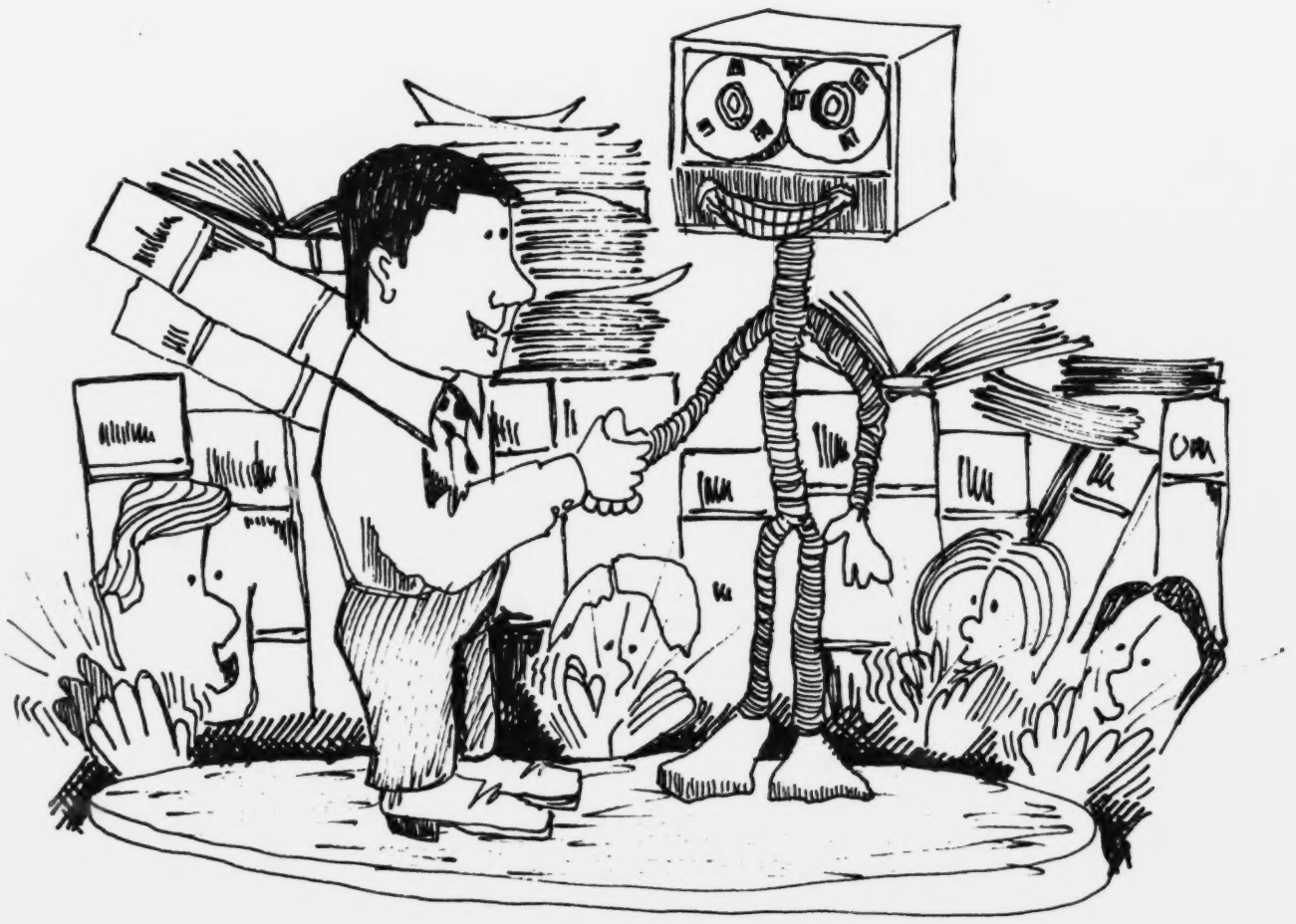
Someday, ERIC will materialize as a computer-assisted library system.

Then your search through hundreds of journals, speeches, and documents will become...

easier,

...easier,

...and even easier.



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